

Amendment to Claims

Claim 1 (currently amended) A method comprising:

launching a firmware interface on a processing system;

executing logic in the firmware interface to attempt launching an a first
operating system on the processing system from among a plurality of operating
systems;

setting a timer to expire at a first interval following the attempt to launch
the first operating system, the first interval being based, at least in part, on the
first operating system;

detecting an unsuccessful attempt to launch the first operating system at
the firmware interface based upon an expiration of the timer; and

initiating a system reset of the processing system by the firmware
interface in response to detecting the unsuccessful attempt to launch the first
operating system;

executing logic in the firmware interface to attempt to launch a second
operating system on the processing system from among the plurality of operating
system in response to the system reset; and

setting the timer to expire at a second interval following the attempt to
launch the second operating system, the second interval being based, at least in
part, on the second operating system.

Claim 2 (cancelled).

Claim 3 (currently amended): The method of claim 2 1, the method further comprising:

detecting a successful launch of the second operating system at the firmware interface; and

disabling the timer in response to detecting the successful launch of the second operating system.

Claim 4 (cancelled).

Claim 5 (cancelled).

Claim 6 (original): The method of claim 1, the method further comprising launching the firmware interface in response to an execution of one or more BIOS routines.

Claim 7 (original): The method of claim 6, the method further comprising:
launching a boot manager in response to the execution of the one or more BIOS routines; and
launching an operating system loader from the boot manager.

Claim 8 (currently amended): A processing system comprising:

logic to attempt to launch a first operating system from among a plurality of operating systems;

logic to set a timer to expire at a first interval following the attempt to launch the first operating system, the first interval being based, at least in part, on the first operating system;

logic to detect an unsuccessful launch of an a first operating system in response to an expiration of the timer; and

logic to initiate a system reset of the processing system in response to detecting the unsuccessful attempt to launch the first operating system;

logic to attempt a launch of a second operating system from among the plurality of operating systems in response to the system reset; and

logic to set the timer to expire at a second interval following the attempt to launch the second operating system, the second interval being based, at least in part, on the second operating system.

Claim 9 (cancelled).

Claim 10 (currently amended): The processing system of claim ~~9~~ 8, the processing system further comprising:

logic to detect a successful launch of the second operating system; and

logic to disable the timer in response to detecting the successful launch of the second operating system.

Claim 11 (cancelled).

Claim 12 (cancelled).

Claim 13 (original): The processing system of claim 8, the processing system further comprising logic to launch a firmware interface in response to an execution of one or more BIOS routines.

Claim 14 (original): The processing system of claim 13, the processing system further comprising:

logic to launch a boot manager in response to the execution of the one or more BIOS routines; and

logic to launch an operating system loader from the boot manager.

Claim 15 (currently amended): An article comprising:

a storage medium comprising machine-readable instructions stored thereon for:

attempting to launch an a first operating system from among a plurality of operating systems on a processing system;

setting a timer to expire at a first interval following the attempt to launch the first operating system, the first interval being based, at least in part, on the first operating system;

detecting an unsuccessful attempt to launch the first operating system
based upon an expiration of the timer; and

initiating a system reset of the processing system in response to detecting
the unsuccessful attempt to launch the first operating system;

attempting to launch a second operating system on the processing
system from among the plurality of operating system in response to the system
reset; and

setting the timer to expire at a second interval following the attempt to
launch the second operating system, the second interval being based, at least in
part, on the second operating system.

Claim 16 (cancelled).

Claim 17 (currently amended): The article of claim 16, wherein the storage
medium further comprises machine-readable instructions stored thereon for:

detecting a successful launch of the second operating system; and
disabling the timer upon detecting the successful launch of the second operating
system.

Claim 18 (cancelled).

Claim 19 (cancelled).

Claim 20 (original): The article of claim 15, wherein the storage medium further comprises machine-readable instructions stored thereon for launching a firmware interface in response to an execution of one or more BIOS routines.

Claim 21 (original): The article of claim 20, wherein the storage medium further comprises machine-readable instructions stored thereon for:

launching boot manager in response to the execution of the one or more BIOS routines; and

launching an operating system loader from the boot manager.

Claim 22 (currently amended): A system comprising:
a data bus;
one or more peripheral devices; and
a host processing system coupled to the one or more peripheral devices through the data bus, the host processing system comprising:

logic to attempt to launch a first operating system from among a plurality of operating systems;

logic to set a timer to expire at a first interval following the attempt to launch the first operating system, the first interval being based, at least in part, on the first operating system;

logic to detect an unsuccessful launch of an a first operating system in response to expiration of the timer; and

logic to initiate a system reset of the processing system in response to detecting the unsuccessful attempt to launch the first operating system;

logic to attempt a launch of a second operating system from among the plurality of operating systems in response to the system reset;

and

logic to set the timer to expire at a second interval following the attempt to launch the second operating system, the second interval being based, at least in part, on the second operating system.

Claim 23 (cancelled).

Claim 24 (currently amended): The system of claim 23 22, wherein the host processing system further comprises:

logic to detect a successful launch of the second operating system; and

logic to disable the timer in response to detecting the successful launch of the second operating system.

Claim 25 (cancelled).

Claim 26 (cancelled).

Claim 27 (currently amended): An apparatus comprising:

means for attempting to launch ~~an~~ a first operating system from among a plurality of operating systems on a processing system;

means for setting a timer to expire at a first interval following the attempt to launch the first operating system, the first interval being based, at least in part, on the first operating system;

means for detecting an unsuccessful attempt to launch the first operating system based upon an expiration of the timer; and

means for initiating a system reset of the processing system ~~by the firmware interface~~ in response to detecting the unsuccessful attempt to launch the first operating system;

means for attempting to launch a second operating system on the processing system from among the plurality of operating system in response to the system reset;
and

means for setting the timer to expire at a second interval following the attempt to launch the second operating system, the second interval being based, at least in part, on the second operating system.

Claim 28 (cancelled).

Claim 29 (currently amended): The apparatus of claim ~~28~~ 27, the apparatus further comprising:

means for detecting a successful launch of the second operating system ~~at the~~
~~firmware interface~~; and

means for disabling timer in response to detecting the successful launch of the
second operating system.

Claim 30 (cancelled).

Claim 31 (cancelled).

Claim 32 (new): The method of claim 1, wherein the method further comprises:
determining that the first operating system is capable of being launched on the
processing system prior to executing logic to attempt to launch the first operating
system; and

determining that the second operating system is capable of being launched on
the processing system prior to executing logic to attempt to launch the second operating
system.

Claim 33 (new): The method of claim 1, wherein the first and second operating
systems comprise different versions of an operating system provided by a single
vendor.

Claim 34 (new): The method of claim 1, wherein the first operating system is provided by a first vendor and the second operating system is provided by a second vendor different from the first vendor.

Claim 35 (new): The processing system of claim 8, wherein the processing system further comprises:

logic to determine that the first operating system is capable of being launched on the processing system prior to attempting to launch the first operating system; and

logic to determine that the second operating system is capable of being launched on the processing system prior to attempting to launch the second operating system.

Claim 36 (new): The processing system of claim 8, wherein the first and second operating systems comprise different versions of an operating system provided by a single vendor.

Claim 37 (new): The processing system of claim 8, wherein the first operating system is provided by a first vendor and the second operating system is provided by a second vendor different from the first vendor.

Claim 38 (new): The article of claim 15, wherein the storage medium further comprises machine-readable instructions stored thereon for:

determining that the first operating system is capable of being launched on the processing system prior to attempting to launch the first operating system; and

determining that the second operating system is capable of being launched on the processing system prior to attempting to launch the second operating system.

Claim 39 (new): The article of claim 15, wherein the first and second operating systems comprise different versions of an operating system provided by a single vendor.

Claim 40 (new): The article of claim 15, wherein the first operating system is provided by a first vendor and the second operating system is provided by a second vendor different from the first vendor.

Claim 41 (new): The system of claim 22, wherein the host processing system further comprises:

logic to determine that the first operating system is capable of being launched on the processing system prior to attempting to launch the first operating system; and

logic to determine that the second operating system is capable of being launched on the processing system prior to attempting to launch the second operating system.

Claim 42 (new): The system of claim 22, wherein the first and second operating systems comprise different versions of an operating system provided by a single vendor.

Claim 43 (new): The system of claim 22, wherein the first operating system is provided by a first vendor and the second operating system is provided by a second vendor different from the first vendor.

Claim 44 (new): The apparatus of claim 27, wherein the apparatus further comprises:

means for determining that the first operating system is capable of being launched on the processing system prior to attempting to launch the first operating system; and

means for determining that the second operating system is capable of being launched on the processing system prior to attempting to launch the second operating system.

Claim 45 (new): The apparatus of claim 27, wherein the first and second operating systems comprise different versions of an operating system provided by a single vendor.

Claim 46 (new): The apparatus of claim 27, wherein the first operating system is provided by a first vendor and the second operating system is provided by a second vendor different from the first vendor.